

IN THE SPECIFICATION

Please amend the Abstract on Page 12 as follows:

The present invention relates to a device for comparison CMP, which is designed to emit a control signal V_{cnt} , which is representative of a difference which exists between the input signal frequencies V_{div} and V_{ref} .

—The device according to the invention includes:—

—a phase/frequency comparator PD, which supplies a regulation signal T_{un} , which is subjected to pulse width modulation according to the difference observed; —

—The device also includes a current source, which is designed to emit a charge current I_{cs} , with a value which is controlled by the regulation signal T_{un} ; —

—The device further includes a capacitive element C_s , which is designed to generate the control signal V_{cnt} , under the effect of the charge current I_{cs} . —

—By means of a regulation signal T_{un} , which has a frequency which is virtually constant, the invention makes it possible to impose high-frequency variations on the control signal V_{cnt} .

Application: ~~Frequency synthesizers~~

Reference: ~~Figure 1~~